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RAW SEQUENCE LISTING

DATE: 03/13/2002

PATENT APPLICATION: US/10/082,546

TIME: 14:30:06

Input Set : A:\seq list.txt

Output Set: N:\CRF3\03132002\J082546.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

C--> 2 (i) APPLICANT:

3 Lacroix, Jean-Michel

5 (ii) TITLE OF INVENTION: METHOD AND KIT FOR QUANTITATION AND

6 NUCLEIC ACID SEQUENCING OF NUCLEIC ACID ANALYTES IN A

SAMPLE

7 (iii) NUMBER OF SEQUENCES: 7

8 (iv) CORRESPONDENCE ADDRESS:

9 (A) ADDRESSEE: Oppedahl & Larson

10 (B) STREET: PO Box 5068

11 (C) CITY: Dillon

12 (D) STATE: CO

13 (E) COUNTRY: US

14 (F) ZIP: 80435-5068

15 (v) COMPUTER READABLE FORM:

16 (A) MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage

17 (B) COMPUTER: IBM compatible

18 (C) OPERATING SYSTEM: MS DOS

19 (D) SOFTWARE: Word Perfect

20 (vi) CURRENT APPLICATION DATA:

C--> 21 (A) APPLICATION NUMBER: US/10/082,546

C--> 22 (B) FILING DATE: 25-Feb-2002

23 (C) CLASSIFICATION:

24 (vii) PRIOR APPLICATION DATA:

25 (A) APPLICATION NUMBER:

26 (B) FILING DATE:

27 (viii) ATTORNEY/AGENT INFORMATION:

28 (A) NAME: Larson, Marina T.

29 (B) REGISTRATION NUMBER: 32,038

30 (C) REFERENCE/DOCKET NUMBER: VGEN.P-054

31 (ix) TELECOMMUNICATION INFORMATION:

32 (A) TELEPHONE: 970 468 6600

33 (B) TELEFAX: 970 468 0104

34 (C) TELEX:

36 (2) INFORMATION FOR SEQ ID NO: 1:

37 (i) SEQUENCE CHARACTERISTICS:

38 (A) LENGTH: 433

39 (B) TYPE: nucleic acid

40 (C) STRANDEDNESS: double

41 (D) TOPOLOGY: linear

42 (ii) MOLECULE TYPE: genomic RNA

43 (iii) HYPOTHETICAL: no

44 (iv) ANTI-SENSE: no

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45      (v) FRAGMENT TYPE: internal
46      (vi) ORIGINAL SOURCE:
47          (A) ORGANISM: HIV-1
48      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
50 AAAAGTTAAA CAATGGCCAT TGACAGAAGA AAAAAATAAAA GCATTAGTAG 50
51 AAATTTGTAC AGAGATGGAA AAGGAAGGGA AAATTTCAAA AATTGGGCCT 100
52 GAAAAATCCAT ACAATACTCC AGTATTTGCC ATAAAGAAAA AAGACAGTAC 150
53 TAAATGGAGA AAATTAGTAG ATTCAGAGA ACTTAATAAG AGAACTCAAG 200
54 ACTTCTGGGA AGTTCAATTA GGAATACCAC ATCCCGCAGG GTTAAAAAAG 250
55 AAAAAATCAG TAACAGTACT GGATGTGGGT GATGCATATT TTCAGTTCC 300
56 CTTAGATGAA GACTTCAGGA AGTATACTGC ATTTACCATA CCTAGTATAA 350
57 ACAATGAGAC ACCAGGGATT AGATATCAGT ACAATGTGCT TCCACAGGGA 400
58 TGGAAAGGAT CACCAGCAAT ATTCCAAAGT AGC 433
C--> 61 (2) INFORMATION FOR SEQ ID NO: 2:
62      (i) SEQUENCE CHARACTERISTICS:
63          (A) LENGTH: 56
64          (B) TYPE: nucleic acid
65          (C) STRANDEDNESS: single
66          (D) TOPOLOGY: linear
C--> 67      (ii) MOLECULE TYPE: other nucleic acid
68      (iii) HYPOTHETICAL: NO
69      (iv) ANTI-SENSE: NO
70      (v) FRAGMENT TYPE: internal
71      (vi) ORIGINAL SOURCE:
72          (A) ORGANISM: HIV-1
73      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
75 GGCCATTGAC AGTCCTAAAT AAATAGCAAA GAAAAAATAA AAGCATTAGT AGAAAT 56
C--> 78 (2) INFORMATION FOR SEQ ID NO: 3:
79      (i) SEQUENCE CHARACTERISTICS:
80          (A) LENGTH: 30
81          (B) TYPE: nucleic acid
82          (C) STRANDEDNESS: single
83          (D) TOPOLOGY: linear
C--> 84      (ii) MOLECULE TYPE: other nucleic acid
85      (iii) HYPOTHETICAL: NO
86      (iv) ANTI-SENSE: NO
87      (v) FRAGMENT TYPE: internal
88      (vi) ORIGINAL SOURCE:
89          (A) ORGANISM: HIV-1
90      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
92 TGCTGGTGAT CCTTTGGATC CCTGTGGAAG 30
C--> 94 (2) INFORMATION FOR SEQ ID NO: 4:
95      (i) SEQUENCE CHARACTERISTICS:
96          (A) LENGTH: 26
97          (B) TYPE: nucleic acid
98          (C) STRANDEDNESS: single
99          (D) TOPOLOGY: linear
C--> 101      (ii) MOLECULE TYPE: other nucleic acid
102      (iii) HYPOTHETICAL: NO

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103      (iv) ANTI-SENSE: NO
104      (v) FRAGMENT TYPE: internal
105      (vi) ORIGINAL SOURCE:
106          (A) ORGANISM: HIV-1
107      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
109 AAAAGTTAAA CAATGGCCAT TGACAG      26
C--> 112 (2) INFORMATION FOR SEQ ID NO: 5:
113      (i) SEQUENCE CHARACTERISTICS:
114          (A) LENGTH: 27
115          (B) TYPE: nucleic acid
116          (C) STRANDEDNESS: single
117          (D) TOPOLOGY: linear
C--> 118      (ii) MOLECULE TYPE: other nucleic acid
119      (iii) HYPOTHETICAL: NO
120      (iv) ANTI-SENSE: NO
121      (v) FRAGMENT TYPE: internal
122      (vi) ORIGINAL SOURCE:
123          (A) ORGANISM: HIV-1
124      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
125 GCTACTTTGG AATATTGCTG GTGATCC      27
C--> 127 (2) INFORMATION FOR SEQ ID NO: 6:
128      (i) SEQUENCE CHARACTERISTICS:
129          (A) LENGTH: 26
130          (B) TYPE: nucleic acid
131          (C) STRANDEDNESS: single
132          (D) TOPOLOGY: linear
C--> 133      (ii) MOLECULE TYPE: other nucleic acid
134      (iii) HYPOTHETICAL: NO
135      (iv) ANTI-SENSE: NO
136      (v) FRAGMENT TYPE: internal
137      (vi) ORIGINAL SOURCE:
138          (A) ORGANISM: HIV-1
139      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
141 GTTAAACAAT GGCCATTGAC AGAAGA      26
C--> 143 (2) INFORMATION FOR SEQ ID NO: 7:
144      (i) SEQUENCE CHARACTERISTICS:
145          (A) LENGTH: 24
146          (B) TYPE: nucleic acid
147          (C) STRANDEDNESS: single
148          (D) TOPOLOGY: linear
C--> 149      (ii) MOLECULE TYPE: other nucleic acid
150      (iii) HYPOTHETICAL: NO
151      (iv) ANTI-SENSE: NO
152      (v) FRAGMENT TYPE: internal
153      (vi) ORIGINAL SOURCE:
154          (A) ORGANISM: HIV-1
155      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
157 GGAATATTGC TGGTGATCCT TTCC      24

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VERIFICATION SUMMARY

DATE: 03/13/2002

PATENT APPLICATION: US/10/082,546

TIME: 14:30:07

Input Set : A:\seq list.txt

Output Set: N:\CRF3\03132002\J082546.raw

L:2 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:21 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:22 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:61 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:67 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:78 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:84 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:94 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:101 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:112 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:118 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:127 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:133 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:143 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:149 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]